

STATEMENT UNDER 37 C.F.R. § 1.607(c)

The newly-added claims have been copied from Claims 1, 10, 18, 25, and 27 of U.S. Patent No. 6,045,092 (“Foster ‘092”), Claims 1, 10, 18, 25, and 27 of U.S. Patent No. 6,029,934 (“Foster ‘934”), and Claims 1, 10, and 18 of U.S. Patent No. 6,209,823 (“Foster ‘823”). By way of summary, then, the pending claims have been copied from U.S. Patent Nos. 6,045,092 (“Foster ‘092”), 6,029,934 (“Foster ‘934”), and Foster ‘823, as follows:

pending-application-claims	patent	patent claims
90-123, 167, 168, 171-176, and 210-214	<u>Foster</u> ‘092	1-4 and 6-34
124-166, 169, 170, 177-182, and 215-219	<u>Foster</u> ‘934	1-4 and 6-43
183, 209, and 220-222	<u>Foster</u> ‘823	1-4 and 6-28

DISCUSSION OF INTERVIEW

Applicants wish to thank the Examiner for extending the courtesy of granting and conducting on July 2, 2002, a personal interview with Applicants’ representative. At the interview, Applicants’ representative and the Examiner discussed the outstanding rejections under 35 U.S.C. §§ 132 and 112, 1<sup>st</sup> paragraph, which are respectfully traversed on the grounds that there has been no showing that Applicants lacked possession of the claimed invention, as well as proposed amendments to the claims. It was tentatively agreed that the proposed amendments would obviate the grounds of rejection,

and the claims have been amended to include the proposed language. Favorable consideration is earnestly solicited.

CONCLUSION

Applicants have copied the claims from the three Foster patents for the purpose of provoking an interference. Support for the copied claims and the identification of a proposed count for the interference will be submitted in a separate Request for Interference which will be filed in due course. In the meantime, if the Examiner reaches this case for action prior to receipt of the Request for Interference, the Examiner is requested to telephone the undersigned before acting on the subject application.

Applicants' undersigned attorney may be reached by telephone at (202) 530-1010. All correspondence should be directed to the address listed below.

Respectfully submitted,



Attorney for Applicants

Registration No. 37838

Honeywell International Inc.  
Patent Services AB-2B  
101 Columbia Road  
P.O. Box 2245  
Morristown, NJ 07962  
Telephone: (310) 512-4885  
Facsimile: (310) 512-3857  
DSG/lfp  
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MARKED- UP CLAIM SHEET



90. (Amended) An apparatus for deicing aircraft comprising:

a vehicle;

a boom having an end supported by the vehicle and a free end;

a compressor unit mounted [on] at the base of or connected to the boom,

said compressor unit comprising (a) a hydraulic motor having an output and (b) a

centrifugal compressor operatively connected to the hydraulic motor output and having an

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impeller and an air outlet; and

a deicer air jet nozzle connected at the free end of the boom and operatively

coupled to the air outlet of the centrifugal compressor for receiving air and discharging the

air for a deicer application.

98. (Amended) An apparatus for deicing aircraft comprising:

a vehicle;

a boom having an end mounted on the vehicle and a free end;

a compressor unit supported [by] at the base of or connected to the boom,

said compressor unit comprising (a) a motor having an output and (b) a centrifugal

compressor operatively connected to the motor output and having an impeller and an air

outlet; and

a deicer air jet nozzle connected at the free end of the boom and operatively coupled to the air outlet of the centrifugal compressor for receiving air and discharging the air for a deicer application.

107. (Amended) An apparatus for deicing aircraft comprising:

a vehicle;

a boom having an end mounted on the vehicle and a free end;

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a compressor unit supported [by] at the base of or connected to the boom, said compressor unit comprising (a) a motor having an output and (b) a gear-driven centrifugal compressor operatively connected to the motor output and having an impeller and an air outlet; and

a deicer air jet nozzle connected at the free end of the boom and operatively coupled to the air outlet of the centrifugal compressor for receiving air and discharging the air for a deicer application.

116. (Amended) A deicer assembly comprising:

a centrifugal compressor mounted [on] at the base of or connected to a boom of a vehicle, said centrifugal compressor having an input shaft, an impeller and an air outlet, wherein said centrifugal compressor is a gear-driven centrifugal compressor; and

a hydraulic motor having an output coupled to said gear-driven centrifugal compressor.

117. (Amended) A method for deicing aircraft comprising the steps of:  
compressing air within a centrifugal compressor supported [by] at the base of or connected to a vehicle by driving a motor coupled to the centrifugal compressor; and  
discharging the air from a deicer air jet nozzle attached to the end of the  
vehicle boom such that air is forced outward from the deicer air jet nozzle at about 100 pounds per minute.

124. (Amended) An apparatus for deicing aircraft comprising:  
a vehicle;  
a boom having an end mounted on the vehicle and a free end;  
a compressor unit supported [by] at the base of or connected to the boom,  
said compressor unit comprising (a) a hydraulic motor having an output and (b) a centrifugal compressor operatively connected to the hydraulic motor output and having an impeller and an air outlet; and

a deicer air jet nozzle located at the boom and operatively coupled to the air outlet of the centrifugal compressor for receiving air and discharging the air for a deicer application.

132. (Amended) An apparatus for deicing aircraft comprising:

a vehicle;

a boom having an end mounted on the vehicle and a free end;

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a compressor unit supported [by] at the base of or connected to the boom, said compressor unit comprising (a) a motor having an output and (b) a centrifugal compressor operatively connected to the motor output and having an impeller and an air outlet; and

a deicer air jet nozzle located at the boom and operatively coupled to the air outlet of the centrifugal compressor for receiving air and discharging the air for a deicer application.

141. (Amended) An apparatus for deicing aircraft comprising:

a vehicle;

a boom having an end mounted on the vehicle and a free end;

a compressor unit supported [by] at the base of or connected to the boom,  
said compressor unit comprising (a) a motor having an output and (b) a gear-driven  
centrifugal compressor operatively connected to the motor output and having an impeller  
and an air outlet; and

a deicer air jet nozzle located at the boom and operatively coupled to the air  
outlet of the centrifugal compressor for receiving air and discharging the air for a deicer  
application.

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150. (Amended) A deicer assembly comprising:

a centrifugal compressor mounted [on] at the base of or connected to a  
boom of a vehicle, said centrifugal compressor having an input shaft, an impeller and an air  
outlet, wherein said centrifugal compressor is a gear-driven centrifugal compressor; and  
a hydraulic motor having an output coupled to said gear-driven centrifugal  
compressor.

151. (Amended) A method for deicing aircraft comprising the steps of:

compressing air within a centrifugal compressor supported [by] at the base  
of or connected to a vehicle boom by driving a motor coupled to the centrifugal  
compressor; and

discharging the air from a deicer air jet nozzle located at the vehicle boom  
such that air is forced outward from the deicer air jet nozzle.

183. (Amended) An apparatus for deicing comprising:

a vehicle;

a boom having an end mounted on the vehicle and a free end;

~~a compressor supported [by] at the base of or connected to the boom and~~

having an air outlet; and

a deicer air jet nozzle located at the boom and operatively coupled to the air  
outlet of the compressor for receiving air and discharging the air for a deicer application.

191. (Amended) An apparatus for deicing comprising:

a vehicle;

a boom having an end mounted on the vehicle and a free end;

a compressor unit supported [by] at the base of or connected to the boom,

said compressor unit comprising:

a compressor having an air outlet; and

a deicer air jet nozzle located at the free end of the boom and operatively



coupled to the air outlet of the compressor for receiving air and discharging the air for a deicer application.

199. (Amended) A method for deicing aircraft comprising the steps of:  
compressing air within a compressor supported [by] at the base of or  
connected to a vehicle boom; and  
discharging the air from a deicer air jet nozzle located at the end of the  

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vehicle boom such that air is forced outward from the deicer air jet nozzle.